



Infor Oxford Automotive (OX)

AutoMap

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Radtke	5/22/18	Add CHKBARCD	A118051801	Application Control Keyword

General Information

Oxford Automotive Business Practices

Oxford Automotive is a tier 1 supplier of engineered metal components, assemblies, and modules. Oxford Automotive is headquartered in Troy, Michigan.

Structured Modules

Structured modules include:

- A, B,C,D pillars
- Front engine compartment
- Floor plan assemblies
- Rear compartment
- Rear floor members
- rail assemblies (front & rear)
- Toe to dash panels
- Radiator yokes

Suspension

- Rear suspension modules: Twist axle assemblies and brake corner assemblies
- Parabolic long taper springs
- Multi-leaf conventional springs
- Spring mounting hangers and shackles
- Spring covers
- Coil springs
- Control arm assemblies

Chassis

- Engine cradles
- Stabilizer bars
- Cross members
- Rails

Body Sheet Metal Modules

- Door assemblies
- Full truck cab assemblies
- Body side assemblies
- Tail gate assemblies
- Roof assemblies - with and without sunroof openings
- Cargo doors
- Hood assemblies
- Roofs

Other

- Engine brackets
- Heat shields
- Oil pans
- Seat frame assemblies
- Impact beams
- Complex welding assemblies
- Autophoretic base coating (electro-deposition finish color coating)

Transaction Sets and Versions

The Oxford Automotive module supports the following transaction sets:

- 830 Material Release Version 4010
- 856 ASN Version 4010
- 862 Shipping Schedule Version 4010
- 997 Functional Acknowledgement Version 4010

The **830 (Material Release)** contains planning and shipping requirements.

The **856 (ASN)** is required to be transmitted for each shipment, when the truck leaves the plant. The ASN must be received before the truck arrives at the plant. The suppliers are paid from the ASN.

The **862 (Shipping Schedule)** contains specific firm shipping and delivery information.

The **997 (Functional Acknowledgement)** is required to be transmitted to acknowledge the received 830s and 862s, within the time frame defined by Oxford Automotive. Oxford Automotive sends a 997 to acknowledge the 856 from the supplier.

Miscellaneous Information

Emergency orders are handled via telephone or fax. The supplier is paid from the ASN. Multiple parts are printed as one line item on the shipper. Containers are printed as separate line item on the shipper.

Bar Code Requirements

Oxford Automotive uses bar code. The standard AIAG bar code label (B-10) is required.

Security

Communication Method

Oxford Automotive communicates through the ACM (Advanced Communications Module) component.

For more information on ACM, see Chapter 17 of the AutoRelease Main Manual. Enter security requirements (identification codes, passwords, etc.) before attempting to receive or transmit. Network security is entered one time, but may be accessed by multiple trading partners.

Note: When establishing communication set up either with a VAN or direct, the following must exist:

Wrap Data? YES - 80

Start New Record on New Interchange? YES

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)

AZD2008	PROCESS PROFILE SETUP
OEM	
Company	
Auto Print	
Auto Process.....	
Auto 997.....	
Days To Archive.....	
F4=Prompt	F12=Cancel

- Auto Print (Y/N) - Enter "Y" if using AutoReceive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter "N" if not using AutoReceive, or, if using AutoReceive and Breakdown, if the Print option is not to be run automatically after the Breakdown.
- Auto Process (Y/N) - Enter "Y" if using AutoReceive and Breakdown (scheduled through ACM) and if also using Auto Print, to perform an automatic Process after the Receive, Breakdown and Print. Enter "N" if not using AutoReceive, or, if using AutoReceive, Breakdown, and Auto Print, if the Process option is not to be run automatically after the Print.
- Auto 997 (Y/N) – Enter "Y" and a 997 will automatically be sent back to the OEM acknowledging receipt of inbound EDI data.
- Days to Archive - Enter the number of days to archive files received from the OEM. Files must be saved at least one day. Archived files are files that are stored for a given number of days, so that they can be reactivated. The number of days is not based on calendar days. Only the number of days when a communication session takes place is counted. Then the archived files are removed during the next Shift.

Note: Only error free requirements are processed. Errors must be corrected and the "Print" and "Process" options must be taken manually to process the remaining data.

Implementation

Identification Code File

The Identification Code File is used when taking the option to "Split" a file received from Oxford Automotive and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Initial Record

Company Number	- xx
OEM Code	- OX
Plant ID	- Your DUNS Number
OEM ID	- Oxford Automotive DUNS Number (006725279)
Corporate ID	- Not used by Oxford Automotive
Remit to Duns #	- Not used by Oxford Automotive
Transmission Mode	- P
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- N
AutoMap	- Y

Errors that occur during the "Split" that indicate a code is missing from the Identification Code File are referring to Plant ID or OEM ID.

AutoMap - Enter "Y" to place data in the AutoMap files (during the Split).

Master File Entry

The entry of each master file is not explained in this document. Only the master files that require unique entry, to accommodate specific business practices for this trading partner are noted.

Model Year

Oxford Automotive uses Infor's VendorRelease to issue requirements to 2nd tier suppliers. Oxford Automotive may receive these requirements from another trading partner, change the enveloping and forward the requirements to a second tier supplier. This means that the data sent by Oxford Automotive may represent multiple trading partners and, therefore, multiple business practices.

Model year may or may not be received on files from Oxford Automotive.

If model year is received: The requirement and price files must be entered with the model year entered exactly as it is received on the 830. The model year field is four-positions, but if only the last position is transmitted, then the master files must be created using only the last position.

If no model year is received: The Requirement and Price Files must be entered with the model year field blank.

EDI Code File

Type Codes:

- C - Firm
- D - Discrete

Frequency Codes

- D - Daily
- M - Monthly
- W - Weekly

Requirement File - Clear Flags

The Requirement Master clear flags should not be marked. Keywords are used to determine what to clear based on purpose codes.

CUM Required Prior

Oxford Automotive does not send CUM required prior or CUM received. Therefore, it is necessary to enter a CUM required prior figure manually before going live. The CUM required prior is used to calculate ahead or behind figures and to round to package quantity. If entering a Oxford Automotive manual requirement or while testing, the CUM required prior may be entered using the option Enter Manual Requirements and either using F5 from the entry screen or it may be entered directly on the header screen.

Machine Readable Destination File

Set the "Clear by Destination" flag in the Machine Readable Destination File to "Y" to ensure that requirements for parts that are sent are processed in and requirements for parts that are not sent are cleared.

Application Control Keyword

THIS KEYWORD MUST BE SETUP EVEN IF YOU ALWAYS SHIP IN STANDARD PACK

If the CHKBARCD keyword is already activated for company ** or the individual company, make sure the Length is 40 and add OX to the end of the existing Infor Data with no spaces.

If the keyword is not setup, add the record as described below. For more information about adding control records, see Chapter 11 of the AutoRelease Main Manual.

CO = ** (or individual company)

Application Name = *ALL

Keyword = CHKBARCD

Length = 40

Dec= blank

Infor Data = OEM Code(s) (Note: only valid for AutoMap OEMs)

From the main menu select System Maintenance (Option 11), then Application Control File Maintenance (Option 17).

Enter the following information:

APP

Opt CO# Name Keyword

1 Co# *ALL CHKBARCD

(Use individual company numbers, or ** for all.)

Press Enter and on the next screen enter a Length of "40" and any required OEMs in the Infor Data area.

(Each OEM holds two bytes starting from position 1 in the Infor Data field.)

CO# APP Name Keyword

Co# *All CHKBARCD

Infor Data Length: 40 Dec:

1 2 3 4

123456789012345678901234567890123456789012345

OX

Customer Data Length: Dec:

1 2

12345678901234567890

ASNs

ASN Cancellation Procedure

Call Oxford Automotive to cancel an ASN.

Mandatory Fields

ASN Header Maintenance Screen

ASN Purpose	-	Transmitted in the BSN 01. Valid codes include: <input type="radio"/> Original 00
Ship Date	-	Transmitted in the DTM 02.

Reference Numbers Screen

BOL	-	Transmitted in the REF 02.
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ASN Detail Maintenance Screen

Cust Part #	-	Transmitted in the LIN 03.
Ship Qty	-	Transmitted in the SN1 02 or CTT 02.
ASN Unit/Mea	-	Transmitted in the SN1 03.
RAN Number	-	Transmitted in the LIN 06 and LIN 07.

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. There is a separate document called "AutoMap Manual" which describes those procedures which apply to all trading partners (NOT unique for each trading partner) such as the daily procedures, job controls, etc.

General Information

The general information section of this document describes transaction sets, how they apply to this trading partner and other miscellaneous information.

Security

The security section of the document explains the network(s) used by this trading partner, and specific information about how to create the Trading Partner Cross Reference File.

Implementation

Requirements received via AutoMap are processed into the AutoRelease master files to perform shipping, ASN and invoicing functions. Therefore, enter all master files in the same manner as required when processing data from the AutoRelease menus.

Exception: Special AutoMap processing needs are handled via keywords in AutoMap. Therefore, clear flags and special processing flags (F20) should not be marked.

The entry of each master file is NOT explained in this supplement. Only those that require specific fields marked to accommodate specific business practices for this trading partner are noted.

The master files required during the "Process" from the AutoMap Requirement Display, are the same files that are required when processing from the VL0 menus:

- Machine Readable - Customer and Destination
- Parts Cross Reference
- Requirement Master

These files must be entered to successfully process data into the Requirement and Load Files.

ASNs

All AutoMap trading partners transmit ASNs to the trading partner by using option 3 (ASNs) from the AutoMap menu. The ASN section of each trading partner document describes the ASN cancellation procedure and mandatory ASN fields for a specific trading partner.

A complete description of the common options can be found in the ASN section of the AutoMap Manual.

AutoMap Features and Preferences

In AutoMap, keywords are unique for the business practices of the trading partner. This section describes how to access keywords, whether there are optional or conditional keywords for this trading partner, and how to activate and deactivate keywords.

Activate or Deactivate Keywords - Change Error Types (Warning - Terminal)

Keywords activate special processing to accommodate the OEM's practices. To view these keywords:

1. Access the AutoMap Menu.
2. Take the Process Keywords options.
3. Select the trading partner with 7 (keyword options).
4. Keywords are displayed for the selected trading partner.
5. Select the keyword to be changed with 1 (select).

The error maintenance screen displays. The fields that can be changed include:

Error Type - The error type may be W (warning) or T (terminal).

T (terminal) - When the create and transmit ASNs option is taken the ASN records are checked for missing fields that may cause the ASNs to be rejected. If terminal errors are found, (errors that will cause the ASN to be rejected according to OEM specifications) the program ends, the ASN Verification Report prints and a break message is displayed. Terminal errors must be corrected before taking the create and transmit option again.

W (warning) - When the create and transmit ASNs option is taken the ASN data is verified. If only warning errors are found, the ASN Verification Report prints and a break message is displayed that gives the user the option to continue with errors or to cancel. Error Message - The message that is displayed when this error is encountered may be changed.

Active - The keyword may be active (Y) or inactive (N).